

SECTION I—SPECIFICATION AMENDMENTS

Please amend the specification as indicated below:

- 1. Please replace the last full paragraph on page 3 with the following amended paragraph:***

To address the foregoing problems, thermal cooling systems incorporating a large planar heat pipe have been proposed for transporting the energy to another location in a 1U chassis where the energy may be more easily dissipated.—~~[Please describe a few details of the heat pipe system, but limit to 1 additional page]~~

- 2. Please replace the paragraph beginning at the bottom of page 7 with the following amended paragraph:***

As liquid 32 is evaporated into vapor 26, heat is transferred from heat source 22 at a rate that is based on the latent heat of vaporization of the fluid and the flow rate of the liquid through the loop. In one embodiment, the liquid is water, which has a latent heat of vaporization of ~~[please provide value]~~ 2258-2432 kJ/kg (970-1052 Btu/lbm). In a similar manner, as the vapor is condensed back to a liquid in condenser 12, heat is removed as a function of the latent heat of vaporization of the fluid and the flow rate of the fluid through the loop.

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